

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN2004/001275

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7): A45B19/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC(7): A45B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

China patent literature

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI EPODOC PAJ CNPAT

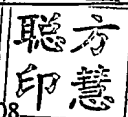
## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to
X	CN,Y,2643711 (Xiuhui CHEN) 29 Sep. 2004 (29. 09. 2004)	1-5,11-13,16
Y	(See claims, fig.1-4, 10, 11 and related description)	18-26
Y	GB,A,2346555 ( LOH TERRENCE MARK etc.) 16. Aug. 2000 (16. 08.2000) (See claims, figs)	19-22
Y	US,A,5263837 (OLMAN DOMPE) 23. NOV. 1993 (23. 11. 1993) (See claims, fig. 1)	18,23-26
A	US,A,6230727 (Fengchun Chen) 15. MAY. 2001 (15. 05. 2001) (See figs and related description)	6-9,14,15

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 22. Feb. 2005 (22. 02. 05)	Date of mailing of the international search report 17 · MAR 2005 (17 · 03 · 2005)
Name and mailing address of the ISA/ 6 Xitucheng Rd., Jimen Bridge, Haidian District, 100088 Beijing, China Facsimile No. 86-10-62085303	Authorized officer Telephone No. 86-10-62085708



**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.

PCT/CN2004/001275

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
CN,Y,2643711Y	29 Sep. 2004	NONE	
GB,A,2346555	16.Aug.2000	WO,A,0047076	17.Aug.2000
		AU,A,2559100	29. Aug. 2000
US,A,5263837	23. NOV. 1993	NONE	
US,A,6230727	15. MAY. 2001	CN2335422U	01. Sep. 1999
		DE29910481U	07. Oct. 1999